Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 17 Sep 2021 until 23:59 on Saturday 18 Sep 2021

Forecast Issued on Thursday 16 Sep 2021 at 15:19

Confidence: High for initially dry conditions but turning more changeable over the weekend. Low for details of rain or showers from Saturday onward.

Headline for Friday 17 Sep 2021: Dry and bright with sunny intervals through the morning and evening.

Mountain weather hazards on Friday 17 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Sunny intervals	Cloudy	Cloudy	Sunny intervals	Sunny intervals
Precipitation probability							
00%	00%	00%	00%	10%	10%	00%	00%

Forecast for Friday 17 Sep 2021

Weather: Dry and sunny spells or intervals through the morning. Early patchy low cloud may briefly cover peaks. Southerly winds will freshen through the day but it will still feel warm in shelter. Cloud will thicken from late morning through into the afternoon, then breaking in the evening to further sunny intervals. Friday is expected to remain dry overall, with only a very low risk of some light rain in the afternoon.

Chance of cloud free mountain/hill tops above 600m: 70%, becoming 90%

Visibility: Patchy cloud down to 500m initially, mainly in the south. Very good visibility outside of early low cloud, with clear views of distant hills throughout.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 17 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/13 S	10/14 S	13/18 S	16/21 S	15/21 S	15/20 S	10/15 S	12/19 S	11/16 S
300	6/9 S	7/10 S	9/13 S	12/18 S	13/20 S	11/18 S	7/12 S	9/15 SE	8/12 S
Valley	3/8 SE	3/10 SE	4/12 SE	9/17 S	10/19 S	9/17 S	4/13 S	6/15 SE	5/12 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	11/9	11/8	11/8	13/11	14/12	14/12	13/11	12/10
300	14/13	13/12	12/11	14/12	16/14	17/15	16/16	15/14	14/13
Valley	14/14	13/13	12/11	15/14	18/16	18/17	17/16	16/15	14/14
Freezing Level*	2800m	2800m	2800m	2800m	2900m	2700m	2900m	2900m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Adequate sun protection is advised with UV levels reaching to moderate or high levels in direct sunlight.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 15 Sep 2021	0mm	2mm	5.4mm

Forecast for Saturday 18 Sep 2021

Weather: Patchy early low cloud may briefly cover peaks once again. Becoming clear with long sunny spells by mid-morning. Cloud may develop through the afternoon bringing a risk of isolated short sharp showers. Becoming largely dry with patchy cloud into the evening.

Maximum wind: Southeasterly 10 mph gusting 15 mph

Chance of cloud free mountain/hill tops above 600m: 60% becoming 90%

Visibility: Initially poor in any low cloud with bases down to 400m. Becoming very good with clear views across the park.

Temperature: **Valleys:** Plus 13 Celsius becoming Plus 20 Celsius
At 600m: Plus 8 Celsius becoming Plus 16 Celsius
Freezing level: Above summits.

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